


Anti-p35 antibody ab64960

2 References [画像数 2](#)

製品の概要

製品名	Anti-p35 antibody
製品の詳細	Rabbit polyclonal to p35
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Rat, Human 交差が予測される動物種: Mouse 
免疫原	Synthetic peptide (Human) from an internal sequence
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p> <p>Without Mg2+ and Ca2+</p>
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab64960の使用に適用されます

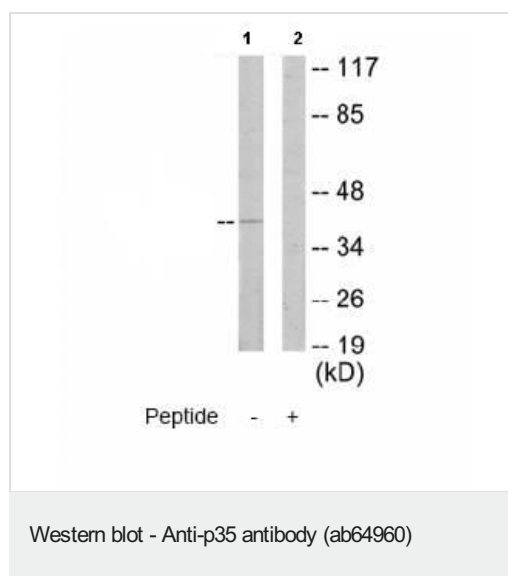
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 40 kDa (predicted molecular weight: 34 kDa).
ICC/IF		1/500 - 1/1000.

ターゲット情報

機能	p35 is a neuron specific activator of CDK5. The complex p35/CDK5 is required for neurite outgrowth and cortical lamination. Activator of TPKII.
組織特異性	Brain and neuron specific.
配列類似性	Belongs to the cyclin-dependent kinase 5 activator family.
翻訳後修飾	The p35 form is proteolytically cleaved by calpain, giving rise to the p25 form. P35 has a 5 to 10 fold shorter half-life compared to p25. The conversion results in deregulation of the CDK5 kinase: p25/CDK5 kinase displays an increased and altered tau phosphorylation in comparison to the p35/CDK5 kinase in vivo. Probably myristoylated. The Gly-2-Ala mutant is absent of the cell periphery, suggesting that a proper myristoylation signal is essential for the proper distribution of p35.
細胞内局在	Cell membrane. In the primary cortical neurons, p35 is present in the peripheries and nerve terminals and Nucleus. Cytoplasm > perinuclear region. The conversion of p35 to p25 relocalizes the protein from the cell periphery to the cytoplasm, in nuclear and perinuclear regions. In the primary cortical neurons, p25 is primarily concentrated in the cell soma and is largely absent from neurites.

画像



All lanes : Anti-p35 antibody (ab64960) at 1/500 dilution

Lane 1 : Rat brain cell extract

Lane 2 : Rat brain cell extract with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 34 kDa

Observed band size: 40 kDa



Immunofluorescence analysis of HeLa cells, using ab64960 at 1/500 dilution. Right hand panel was also treated with immunising peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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